

30 what is log odd of selling the care OR is the table , that is odd ratio.

OR & the multiplicative effect of one extra unit of our x variable on the odds of selling a car so if price increases by one unit or one thousand dollars the odds of selling the car will be multiplied by 0.84. In other word, for a \$1000 increase in price, the odds of selling the can decrease by Coeff in the table deal with the log (Y), OR (odd raho) deals with inlog (Y) for pink Slip odd raho (OR) 16%, on average holding all else constant. for pink Slip rodd aho (OR) I had syng look cars with a pink slip have 4.73 times the odds of being sold compared to cars without pink slip on overage holding all else constant? Remember - "Chance" = "Probability" + "Odds" day and so If the probability of rain tomorrow is 20%, what are the odds of rain tomorrow? probability = 1/5 odds = P = 0.25 or 1/4. 1) Find the probability that a \$4,500 gas with a pink slip will sell? $L_{1-P} = 0.396 - 0.173(4.5) + 1.555(1) = 1.1725$. $L_{1-P} = 1.1725$ $\frac{P}{1-P} = e^{1.7725}, P = (e^{1.7725})_{1-P}, P = 3.23(1-P)$ $\frac{P}{1-P} = e^{1.1725}$ So, a car with a sole price of P = 3.23 - 3.23P 4,500 and a pink slip has P + 3.23P = 3.23 = P = 3.23 = 0.764a probability of sole 76.4%. DEG the possibly took a com. and com Po + E1 (Price) + P2 (Prix E1/9) + E3

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